



United States Air Force

Scientific Advisory Board

Prof. Jason L. Speyer

University of California-Los Angeles

EDUCATION:

Harvard University

Ph.D., Applied Mathematics, 1968

Massachusetts Institute of Technology

B.S., Aeronautical and Astronautical, 1960

WORK EXPERIENCE:

University of California, Los Angeles

Professor, Mechanical and Aerospace Engineering Department, 1990-

Present

University of Texas

Professor, 1976-1990

The Charles Stark Draper Lab

Research Staff, 1970-1976

The Analytical Mechanics Associates

Research Engineer, 1968-1970

The Raytheon Corporation

Senior Engineer, 1961-1968

The Boeing Company, Seattle, WA

Engineer, 1960-1961



AREAS OF EXPERTISE:

Optimal deterministic and stochastic control, analytical redundancy management, and decentralized control. Applications to missile guidance; hypersonic periodic optimal flight; flight control; fault detection, identification and reconfiguration; sensor fusion; control of transitional and turbulent flows, and formation flight technology

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

Fellow of the AIAA and IEEE
